

### **Abstract**

A ventilated support structure for a vehicle, such as a bicycle, comprises a seat surface supported on a rigid or semi-rigid frame. The seat surface having a slot extending along the top surface of the support structure. The slot has at least one opening disposed therein. The support structure further comprises an air intake component positioned at the anterior of the support structure. The air intake component may be oriented at least partly in a direction of forward travel of the vehicle. A channel communicates the air intake component with the at least one opening in the slot so that air enters through the slot via the air intake component.

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